

Appl. N . 10/659,544
Amdt. Dated July. 9, 2004
Reply to Office Action of April 9, 2004

REMARKS

Drawings Objected

In FIG. 1, FIG. 2, FIG. 4 and FIG. 3, the standoff on the lateral wall has been designated with reference numeral 210, and the standoff on the mounting member has been designated with reference numeral 200.

All the figures have been changed into vertical orientation for being easily viewed

Specification Objected

The specification is objected to because of the use of non-standard grammar throughout.

Applicants have carefully amended specification to use standard grammar.

Claims Objected

Claims 12, 13 and 15-17 are objected to because of the informalities.

Applicants have carefully amended claims 12, 13, and 15-17 to overcome the informalities.

The “and the other of said side arms is fastened around the other of said lateral walls” as defined in claims 12 and 15 has been canceled.

Applicants have added a period at the end of claim 17 and inserted “said” after “wherein” of claim 13.

Claim Rejections under 35 U.S.C. 102(b)

Claims 1-5 and 11, 12, 14 and 15 are rejected under 35 U.S.C. 102(b) as being

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anticipated by Tung et al.

Regarding claim 1, an electrical connector assembly as defined comprises a terminal module, a shell, an ejector and a shutter mechanism. The shutter mechanism comprises a mounting member and a door member. The mounting member is assembled to the shell and the ejector.

Referring to Tung et al., an electrical connector comprises a terminal module 5, a shell 1 with ejector 41 and a shutter mechanism 2. The shutter mechanism 2 comprises a mounting member and a door 3. However the mounting member is received in and assembled to the shell. Tung et al fail to disclose a mounting member assembly to the shell and the ejector. Therefore, claim 1 of the present invention is significantly different from Tung et al and should be allowable.

Dependent Claims 2-5, which directly or indirectly depend from independent Claim 1, are also believed to be patentable over the above-mentioned.

Regarding claim 11, an electrical connector assembly comprises an insulative housing, a plurality of terminals, a metallic shell, an ejector mechanism, and a shutter mechanism. The shutter mechanism comprises a mounting member and a door. The mounting member is assembled to at least one of the shell and the ejector mechanism. One of lateral walls defines a standoff on one said of the connector, and the mounting member defines another standoff on the other said of the connector to the ejector.

Referring to Tung et al, the electrical connector comprises two standoffs, but both of them are defined on the lateral wall of the shell. Therefore, claim 11 of the present invention is significantly different from Tung et al and should be

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patentable.

Claims 12 and 14 are depend from independent Claim 11, are also believed to be patentable over the above-mentioned.

In response to this rejection, applicants have amend independent claim 15 to include all of limitations of allowable claim, in order to define over the cited prior art in the office Action. Therefore, amended claim 15 should be allowable.

Dependent claim 16 is canceled without prejudice.

Claim Rejections under 35 U.S.C. 103(a)

Claims 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tung et al.

The Claim 1 defines an electrical card connector comprising a terminal module, a shell, an ejector and a shutter mechanism. The shutter mechanism comprises a mounting member and a door member. The mounting member is assembled to the shell and the ejector.

Tung et al. discloses an electrical card connector comprises a terminal module 5, a shell 1 with ejector 41 and a shutter mechanism 2. The shutter mechanism 2 comprises a mounting member and a door 3. However the mounting member is removably received in the shell. A projection 231 of the mounting member engages with corresponding hole 105 of the shell. Whereby, the shutter mechanism is partially received in the shell. In order to reliably receive PCMCIA card in the Tung's connector, the shutter mechanism must occupy the receiving space of the shell. When the type III card is inserted into the card connector, the shutter member must be removed. For facilitating the insertion and removing of cards into/from the Tung's connector, the mounting member must be removable received in the shell

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and can not be assembled to the shell and the ejector. Therefore, independent Claim 1 is believed to be patentable over Tung et al.

Because independent Claim 1 is patentable, dependent Claim 10, which depends from independent Claim 1, is also patentable over Tung et al.

Claim 6 is rejected under 35 U.S.C 103(a) as being unpatentable over Tung et al in view of Ho et al.

Regarding claim 1, an electrical card connector as defined comprises a terminal module, a shell, an ejector and a shutter mechanism. The shutter mechanism comprises a mounting member and a door member. The mounting member is assembled to the shell and the ejector.

As discussed above, the shutter mechanism of Tung et al can not be assembled to the shell and ejector, and Ho et al do not have a shutter mechanism are assembled on the shell. The Ho's shell needs a plate 212 for locating the door member 22, which increases the cost of the production of the shell. Therefore, independent Claim 1 is believed to be patentable over Tung et al in view of Ho et al.

Because independent Claim 1 is patentable, dependent Claim 6, which depends from independent Claim 1, is also patentable.

In view of the above specification and claim amendments and remarks, the subject application is believed to be in a condition for allowance and an action to such effect is earnestly solicited.

Respectfully submitted,

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